

## REMARKS

In the Office Action mailed May 18, 2005, claims 1-13, 20-30, 32-34, 36-38, 57, 58, 60, 64 and 65 were rejected under 35 U.S.C. § 102(a) as being unpatentable over Forster, et al. (U.S. Patent No. 6,853,347).

Claim 40 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Forster in view of Balzer, et al. (U.S. Patent No. 6,217,683).

Claim 35 was allowed in the Office Action mailed May 18, 2005.

Claims 14-19, 31, 39, 41-56, 59, 61-63 and 66-68 were objected to as being dependent upon a rejected base claim, but otherwise allowable if rewritten in independent form to include all of the elements of the base claim and any intervening claims. Applicants respectfully submit that claim 68 is an independent claim and as such does not depend upon a rejected base claim. As such, Applicants respectfully submit that claim 68 is allowable as originally presented. Additionally, Applicants have in the present amendment amended claims 14, 41, 47, 50 and 55 to be independent claims that incorporate all of the elements of the base claim from which they depend and all of the elements of any intervening claims that may or may not be present. As such, Applicants respectfully submit that claims 14, 41, 47, 50 and 55 are in condition for allowance. Additionally, claims 15-19 that depend from claim 14, claims 42-44 that depend from claim 41, claims 48 and 49 that depend from claim 47, and claims 56 and 57 that depend from claim 55 are also in condition for allowance as they depend from an allowable independent claim.

As stated, claim 1 was rejected under 35 U.S.C. § 102(a) as being unpatentable over Forster. Applicants respectfully submit that claim 1 defines over Forster as Forster does not

disclose or teach an electronics component assembly in a tire in which a length of a first antenna wire that extends from the tip of the first antenna wire is connected to a mounting member at a location spaced from the outer edge of the mounting member. Support for this claim amendment may be found in at least Figs. 3-8 of the drawings of Applicants' application that disclose the first antenna wire 30 with a length extending from the tip of the first antenna wire 30 that is connected to the mounting member 28 at a location spaced from the outer edge of the mounting member 28.

Referring to Forster, this reference discloses a dipole sinusoidal-shaped wave antenna 17A that is connected to the outer edge of a resonating ring 40. As shown, the tip of the antenna 17A is attached to the outer edge of the resonating 40 and no portion of the antenna 17A is located anywhere past the interior of the outer edge of the resonating ring 40.

Further, it would not have been obvious for one having ordinary skill in the art to modify Fig. 5C of Forster so as to obtain the electronic component assembly set forth in claim 1 of Applicants' application. First, the resonating ring 40 is shown as being a relatively thin member that is only slightly larger than the circumference of the antenna 17A. As such, room for connecting a length of the antenna 17A extending from the tip of the antenna 17 at a location spaced from the outer edge of the resonating ring 40 is not present.

Additionally, if one were to move the point of connection of the antenna 17A inwards from the outer edge of the resonating ring 40, the point of attachment of the antenna 17A would be on the conducting attachment 44A or would be only on the resonating ring 40 yet extremely close to the conducting attachment 44A. As such, force on the antenna 17A would be transferred through the conducting attachment 44A and onto the wireless communication device 10 thus

distorting and damaging the wireless communication device 10. This type of situation is explicitly stated as being designed against through the configuration of Fig. 5C (see Forster at column 12, lines 54-57).

By attaching the antenna 17A to the outer edge of the resonating ring 40, force imparted onto the antenna 17A is exerted on and absorbed by the resonating ring 40 and is not transferred to the wireless communication device 10. If one were to attach the antenna 17A at a location other than that disclosed in Fig. 5C, the resulting point of attachment would cause force to be transferred to the wireless communication device 10 instead of through the resonating ring 40 as explicitly disclosed.

Other embodiments disclosed in Forster also fail to disclose or render obvious the electronics component assembly set forth in claim 1 of Applicants' application. For example, Fig. 5B discloses an embodiment which the antenna 17A is looped around the resonating ring 40 and is directly connected to the wireless communication device 10. This type of structure is completely different than that called for in claim 1 of Applicants' application in which a length of the first antenna wire that extends from the tip of the first antenna wire is connected to the mounting member. As shown in Fig. 5B, the tip of the antenna 17A is directly connected to the wireless communication device 10 such that a length of the antenna 17 from the tip of the antenna 17 is not connected to the resonating ring 40. As such, the structure set forth in Fig. 5B of Forster does not disclose the electronics component assembly set forth in claim 1 of Applicants' application and it would not have been obvious for one having ordinary skill in the art to derive the electronics component assembly set forth in claim 1 of Applicants' application from Fig. 5B of Forster or from any other part of the disclosure in the reference.

As such, Applicants respectfully submit that claim 1 defines over Forster and is in condition for allowance. Further, all claims that depend from claim 1 (claims 2-13 and 20-24) are also in condition for allowance. The rejections to claims 2-13 and 20-24 are made moot due to the allowance of claim 1.

In the present Amendment, Applicants have amended claim 25 in a manner similar to the amendment made to claim 1 and Applicants respectfully submit that claim 25 defines over Forster for essentially the same reasons as discussed above with respect to claim 1 and is in condition for allowance. Further, all claims that depend from claim 25 (claims 26-34) are also in condition for allowance. The rejections to claims 26-34 are made moot due to the allowance of claim 25.

Additionally, Applicants respectfully submit that claim 36 defines over Forster. Respectfully, Forster does not disclose an electronics component assembly that includes a first antenna wire that is free from contact with an integrated circuit and in which a length of the first antenna wire is connected to the mounting member at a location spaced from the outer edge of the mounting member. Support for this claim amendment may be found, for instance, in Fig. 15 of the drawings of Applicants' application that shows the first antenna wire 34 free from contact with the integrated circuit 138 and in which a length of the first antenna wire 134 is connected to the mounting member 28 at a location spaced from the outer edge of the mounting member 28. Additionally, support for this claim amendment may be found in other Figs. of Applicants' drawings such as in at least Figs. 17, 19 and 25.

As discussed above with respect to claim 1, Fig. 5C of Forster does not disclose or render obvious an electronics component assembly in which a length of the first antenna wire is

connected to the mounting member at a location spaced from the outer edge of the member. Additionally, it would not have been obvious for one having ordinary skill in the art to reconfigure Fig. 5C of Forster so as to obtain the structure set forth in claim 36 of Applicants' application for at least the reasons as discussed above with respect to claim 1. With respect to Fig. 5B of Forster, claim 36 calls for the first antenna wire to be free from contact with the integrated circuit. Fig. 5B of Forster discloses a completely opposite design in which the antenna 17 is in fact directly connected to the wireless communication device 10. As such, Applicants respectfully submit that claim 36 defines over Forster and is in condition for allowance. Additionally, all claims that depend from claim 36 (claims 37-40, 45, 46 and 51-54) are also in condition for allowance. The rejections to claims 37-40, 45, 46 and 51-54 are made moot due to the allowance of claim 36.

Claim 58 of Applicants' application calls for an electronics component assembly in which the first antenna wire is free from contact with the integrated circuit and in which a length of the first antenna wire is connected to the mounting member at a location spaced from the outer edge of the mounting member. Applicants respectfully submit that claim 58 defines over Forster for essentially the same reasons as discussed above with respect to claim 36 and is in condition for allowance. Additionally, all claims that depend from claim 58 (claims 59-67) are also in condition for allowance. The rejections to claims 59-67 are made moot due to the allowance of claim 58.

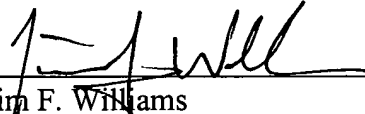
Applicants respectfully submit that all claims are allowable and that the application is in condition for allowance. Favorable action thereon is respectfully requested. The Examiner is encouraged to contact the undersigned should the Examiner have any questions concerning this

Amendment or require any additional information.

Respectfully submitted,

DORITY & MANNING, P.A.

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Date

  
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